

**CLAIMS**

What I claim is:

- 1 1. A combination toy gun and projectile to be expelled from said toy gun, said toy gun  
2 having a triggering mechanism to be actuated by a user, comprising:
  - 3 a. a body,
  - 4 b. at least one black light responsive projectile,
  - 5 c. means for supplying and storing said projectile to said body,
  - 6 d. at least one black light source positioned within said body for exposing said  
7 projectile to black light,
  - 8 e. a triggering mechanism in said body for selectively engaging said exposed  
9 projectile from said supplying and storing means in preparation for expulsion, and
  - 10 f. a launching mechanism within said body for engaging and expelling said exposed  
11 projectile from said body;
- 12 wherein said projectile expelled from said body has a glowing effect.
- 1 2. The combination of claim 1 wherein said body comprises an upper portion and a  
2 lower portion.
- 1 3. The combination of claim 2 further comprises a handle attached to said lower  
2 portion of said body.

1           4.     The combination of claim 1 wherein said body comprises an opening for  
2 expelling said projectile.

1           5.     The combination of claim 1 further comprises a launching channel within said  
2 body for expelling said projectile from said body in a reasonably linear fashion.

1           6.     The combination of claim 1 wherein each of said black light responsive projectile  
2 is a disk.

1           7.     The combination of claim 1 wherein each of said black light responsive projectile  
2 is made of foam.

1           8.     The combination of claim 1 wherein each of said black light responsive projectile  
2 contains fluorescent pigment.

1           9.     The combination of claim 1 wherein each of said black light responsive projectile  
2 contains phosphorescent pigment.

1           10.    The combination of claim 1 wherein said supplying and storing means is  
2 removably attachable to said body.

1           11.    The combination of claim 1 wherein said supplying and storing means comprises  
2 a tubular body having an open end and a closed end.

1           12.    The combination of claim 11 wherein said open end of said supplying and storing  
2   means is removably attachable to said body.

1           13.    The combination of claim 2 comprising first and second black light sources, with  
2   said first black light source attached to said upper portion of said body and said second black  
3   light source attached to said lower portion of said body.

1           14.    The combination of claim 1 wherein said triggering mechanism comprises a  
2   trigger and an engaging plate, wherein upon actuation of said trigger by a user, said trigger  
3   actuates said engaging plate to slidably push each of said projectile sequentially from said  
4   supplying and storing means to be in a position for engagement by said launching mechanism.

1           15.    The combination of claim 14 wherein said triggering mechanism further  
2   comprises a spring and a gear combination, wherein upon actuation of said trigger by a user, said  
3   spring compresses and through said gear combination, actuates said engaging plate.

1           16.    The combination of claim 15 wherein said triggering mechanism further  
2   comprises a latching element to ensure that said trigger is fully actuated before said spring  
3   returns said engaging plate to its original position.

1           17.    The combination of claim 1 wherein said launching mechanism comprises a  
2   driver motor that imparts rotational movement, a driver disk connected to said driver motor for  
3   engaging and expelling said projectile, and a idler disk for pushing said projectile against said

4      driver disk and for supporting said projectile to ensure said projectile exits said body in a  
5      reasonably linear fashion.

1            18.     The combination of claim 1 further comprises a speaker within said body that  
2      produces a sound effect to accompany each actuation of said triggering mechanism.

1            19.     The combination of claim 1 further comprises a power source supplying energy to  
2      said at least one black light source and said launching mechanism.

1            20.    The method of providing at least one glowing projectile for expulsion from a toy  
2      gun, comprising the steps of:

- 3            a.        providing at least one black light responsive projectile,
- 4            c.        providing means for supplying and storing said projectile within said toy gun,
- 5            d.        providing at least one black light source within said toy gun,
- 6            e.        providing a staging area for said projectile,
- 7            f.        providing a triggering mechanism for engaging said projectile from said
- 8      supplying and storing means to said staging area,
- 9            g.        exposing said at least one black light responsive projectile to said at least one
- 10     black light source at said staging area, and
- 11     h.        providing a launching mechanism for engaging said exposed projectile at said
- 12     staging area and expelling said exposed projectile from said toy gun.

1           21. The method of claim 20 wherein each of said black light responsive projectile is a  
2    disk.

1           22. The method of claim 20 wherein each of said black light responsive projectile is  
2    made of foam.

1           23. The method of claim 20 wherein each of said black light responsive projectile  
2    contains fluorescent pigment.

1           24. The method of claim 20 wherein each of said black light responsive projectile  
2    contains phosphorescent pigment.

1           25. The method of claim 20 wherein said supplying and storing means is removably  
2    attachable to said toy gun.

1           26. The method of claim 20 wherein said supplying and storing means comprises a  
2    tubular body having an open end and a closed end.

1           27. The method of claim 26 wherein said open end of said supplying and storing  
2    means is removably attachable to said toy gun.

1           28. The method of claim 20 wherein said triggering mechanism comprises a trigger  
2    and an engaging plate, wherein upon actuation of said trigger by a user, said trigger actuates said

3 engaging plate to slidably push each of said projectile sequentially from said supplying and  
4 storing means to said staging area.

1 29. The method of claim 28 wherein said triggering mechanism further comprises a  
2 spring and a gear combination, wherein upon actuation of said trigger by a user, said spring  
3 compresses and through said gear combination, actuates said engaging plate.

1 30. The method of claim 29 wherein said triggering mechanism further comprises a  
2 latching element to ensure that said trigger is fully actuated before said spring returns said  
3 engaging plate to its original position.

1 31. The method of claim 20 wherein said launching mechanism comprises a driver  
2 motor that imparts rotational movement, a driver disk connected to said driver motor for  
3 engaging and expelling said projectile, and a idler disk for pushing said projectile against said  
4 driver disk and for supporting said projectile to ensure said projectile exits said toy gun in a  
5 reasonably linear fashion.

1 32. The method of claim 20 further comprises the step of providing a sound effect to  
2 accompany each actuation of said triggering mechanism.

1 33. The method of claim 20 further comprising the step of providing a power source  
2 to supply energy to said at least one black light source and said launching mechanism.